

What is claimed is:

1. An image display apparatus comprising:

a display having an image display surface which displays a two-dimensional image of an object including a three-dimensional object; and

an image transmitting panel spaced apart from the image display surface for creating an imaging plane displaying a real image of the two-dimensional image in a space opposite to the display;

wherein the image display surface exhibits a three-dimensional image which is drawn from a perspective viewpoint.

2. The image display apparatus according to claim 1, wherein the image transmitting panel includes a micro lens board having an array of a plurality of micro lenses arranged two-dimensionally, the micro lenses define at least one lens system, each lens system having a pair of convex lenses coaxial with each other, and optical axes of the lens systems are parallel with each other.

3. The image display apparatus according to claim 2, wherein the image display surface of the display is positioned within a focal depth of the plurality of lenses.

4. The image display apparatus according to claim 1, wherein an object is drawn larger when the object is positioned closer to a viewer and is drawn smaller when the object is positioned farther from the viewer in the three-dimensional image drawn from a perspective viewpoint.

5. The image display apparatus according to claim 1,

wherein an object at a closer position to a viewer is drawn overlaying an object at a farther position from the viewer in the three-dimensional image drawn from a perspective viewpoint.

6. The image display apparatus according to claim 1, wherein an object is drawn rougher when the object is positioned closer to a viewer and is drawn finer when the object is positioned farther from the viewer in the three-dimensional image drawn from a perspective viewpoint.

7. The image display apparatus according to claim 1, wherein an object is drawn in such a manner that the image is continuously changed from rough to fine when a single object is displayed as the three-dimensional image.

8. The image display apparatus according to claim 1, wherein an object is drawn to have one, two or three vanishing points in the three-dimensional image drawn from a perspective viewpoint.

9. The image display apparatus according to claim 1, wherein an object is drawn brighter when the object is positioned closer to a viewer and is drawn darker when the object is positioned farther from the viewer, and the object is drawn in such a manner that brightness of the image changes gradually from bright to dark, so as to make gradation, when the object extends from a close site to a remote site in the three-dimensional image drawn from a perspective viewpoint.

10. The image display apparatus according to claim 1, wherein an object is drawn with a stronger contrast when the

object is positioned closer to a viewer and is drawn with a weaker contrast when the object is positioned farther from the viewer in the three-dimensional image drawn from a perspective viewpoint.

11. The image display apparatus according to claim 1, wherein an object is drawn more vivid when the object is positioned closer to a viewer and is drawn less vivid when the object is positioned farther from the viewer in the three-dimensional image drawn from a perspective viewpoint.

12. The image display apparatus according to claim 1, wherein an object is drawn by use of warmer color such as red when the object is positioned closer to a viewer and is drawn by use of colder color such as blue when the object is positioned farther from the viewer in the three-dimensional image drawn from a perspective viewpoint.

13. The image display apparatus according to claim 1, wherein an object is drawn with a higher resolution when the object is positioned closer to a viewer and is drawn with a less resolution when the object is positioned farther from the viewer in the three-dimensional image drawn from a perspective viewpoint.

14. The image display apparatus according to claim 1, wherein light comes to the object from above and a shade and shadow is drawn below the object in the three-dimensional image drawn from a perspective viewpoint.

15. The image display apparatus according to claim 1, wherein an object is drawn so as to move faster when the object

is positioned closer to a viewer and is drawn so as to move slower when the object is positioned farther from the viewer in the three-dimensional image drawn from a perspective viewpoint.

16. An image display apparatus comprising:

first means for displaying a two-dimensional image of an object including a three-dimensional object, the first means having an image display surface; and

second means for creating an imaging plane displaying a real image of the two-dimensional image in a space opposite to the first means;

wherein the image display surface exhibits a three-dimensional image which is drawn from a perspective viewpoint.

17. The image display apparatus according to claim 16, wherein the second means includes a micro lens board having an array of a plurality of micro lenses arranged two-dimensionally, the micro lenses define at least one lens system, each lens system having a pair of convex lenses coaxial with each other, and optical axes of the lens systems are parallel with each other.

18. The image display apparatus according to claim 17, wherein the image display surface of the first means is positioned within a focal depth of the plurality of lenses.

19. The image display apparatus according to claim 16, wherein an object is drawn larger when the object is positioned closer to a viewer and is drawn smaller when the object is positioned farther from the viewer in the three-dimensional

image drawn from a perspective viewpoint.

20. The image display apparatus according to claim 16, wherein an object at a closer position to a viewer is drawn overlaying an object at a farther position from the viewer in the three-dimensional image drawn from a perspective viewpoint.